



US 20020185999A1

(19) **United States**(12) **Patent Application Publication****Tajima et al.**(10) **Pub. No.: US 2002/0185999 A1**(43) **Pub. Date:****Dec. 12, 2002**(54) **INFORMATION PROCESSING APPARATUS
FOR INPUTTING A SIGNAL, AND METHOD
THEREFOR****Publication Classification**(51) **Int. Cl.⁷** **H01F 30/12**(52) **U.S. Cl.** **324/76.75**(76) **Inventors:** **Shigeru Tajima**, Kanagawa (JP);
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NEW YORK, NY 10151 (US)(57) **ABSTRACT**

When a human body touches any of linear electrode array mutually isolated and arranged in X and Y directions of an input device, an inducing signal from wiring of a commercial power supply is transmitted by way of the human body, so that an inducing voltage is generated at the linear electrode to which the human body touches. The input device detects the inducing voltage and outputs the detected inducing voltage to a signal processing section. The signal processing section detects a coordinate where the input device detects the inducing voltage, identifies a frequency of the inducing signal transmitted by way of the human body, and outputs the information to an output terminal.

(21) **Appl. No.:** **10/145,451**(22) **Filed:** **May 13, 2002**(30) **Foreign Application Priority Data**

May 14, 2001 (JP) 2001-143868

Jun. 7, 2001 (JP) 2001-172373

